



## Datasheet

Raxco Software Incorporated  
6 Montgomery Village Ave  
Gaithersburg, MD 20879  
800.546.9728 and 301.527.0803

# Exclusive Virtual-Aware defragmentation for optimal performance in vSphere and ESX Environments

PerfectDisk® 10 vSphere ESX introduces the next generation of disk defragmentation for virtual environments. Combining PerfectDisk's speed, thoroughness, flexibility, control and automation with virtual awareness, PerfectDisk 10 vSphere ESX helps ensure system resources in your vSphere and ESX environments are optimized and allocated properly, with no negative performance implications.

## Certification and verification – A trusted solution

PerfectDisk is certified by Microsoft, ensuring the highest standards of quality. As a Microsoft Gold Certified Partner and member of the Microsoft Developers Network, Raxco maintains a close partnership with Microsoft to ensure ongoing quality and compatibility. Raxco is also a VMware Technology Alliance Partner.

## Exclusive Virtual-aware Resource Allocation

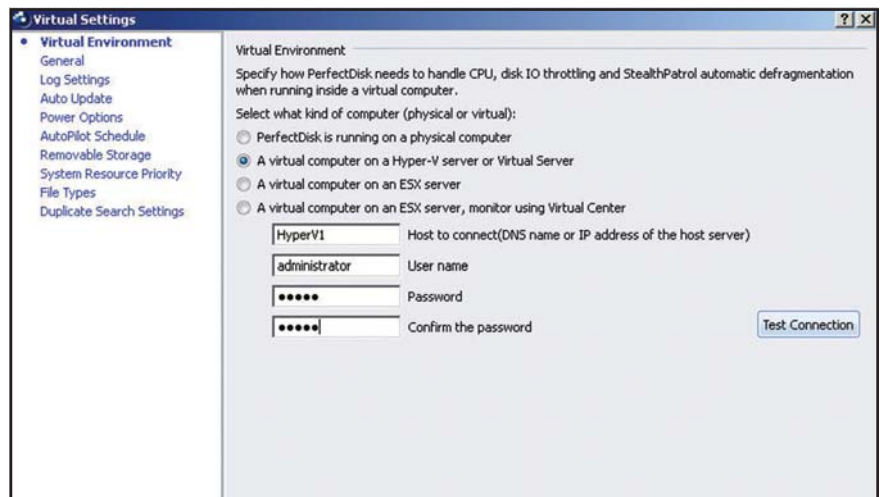
Unlike any other disk defragmenter available today, PerfectDisk 10 vSphere ESX provides intelligence in vSphere and ESX environments to ensure optimal performance and eliminate unnecessary and harmful resource contention. This exclusive feature brings StealthPatrol's automatic background defragmentation processing to a new dimension. PerfectDisk is not only aware of its resource availability and usage of individual machines, but of their physical hosts as well, ensuring the fastest possible performance for guests and the host machine, with no negative resource usage.

## Patented optimization technology

PerfectDisk's patented SMARTPlacement™ optimization strategy places files on disk drives according to usage patterns. This greatly reduces the rate of fragmentation and ensures future defragmentation passes run faster and utilize fewer resources than typical disk defragmenters. And PerfectDisk 10's exclusive Space Restoration Technology™ ensures drives have the largest amount of contiguous free space available. This helps boost write performance in addition to read performance. No other defragmenter leaves larger blocks of free space than PerfectDisk 10 – and it does it in a single pass. Standard defragmenters do not consolidate free space effectively, resulting in poorly utilized storage, disks that will fragment more quickly, and poorer write performance.

## Flexible Automatic Scheduling with unattended background defrag

PerfectDisk's exclusive AutoPilot Scheduling™ lets you decide when and how you want your PC and laptop defragmentation done – set it up once and you never have to think about it again. You can set up ongoing schedules based on time and date, or leverage the intelligence of PerfectDisk 10 to automatically defragment drives during computer idle time with StealthPatrol™ unattended background defragmentation if scheduling is not convenient. There's also a Screen Saver mode for additional flexibility. It's defragmentation on your terms.



Stealth automatic defragmentation can monitor host resources and dynamically adjust defragmentation activity in order to minimize resource impact at the host level and other guests.

## Standard multi-gigabyte and multi-terabyte drive support

PerfectDisk 10 defragments the very largest disk drives that are prevalent in today's operating environments – drives that range from several hundred gigabytes to several terabytes. Support for RAID and Volume Sets enables powerful defragmentation for the largest and most complex environments with large storage arrays and volumes. Because of this design, PerfectDisk 10 not only defragments these large drives completely, but it does so up to twice as fast as other defragmenters, consolidates the drives' free space, and uses 80% fewer resources - at no extra cost.

## Total disk defragmentation and free space consolidation

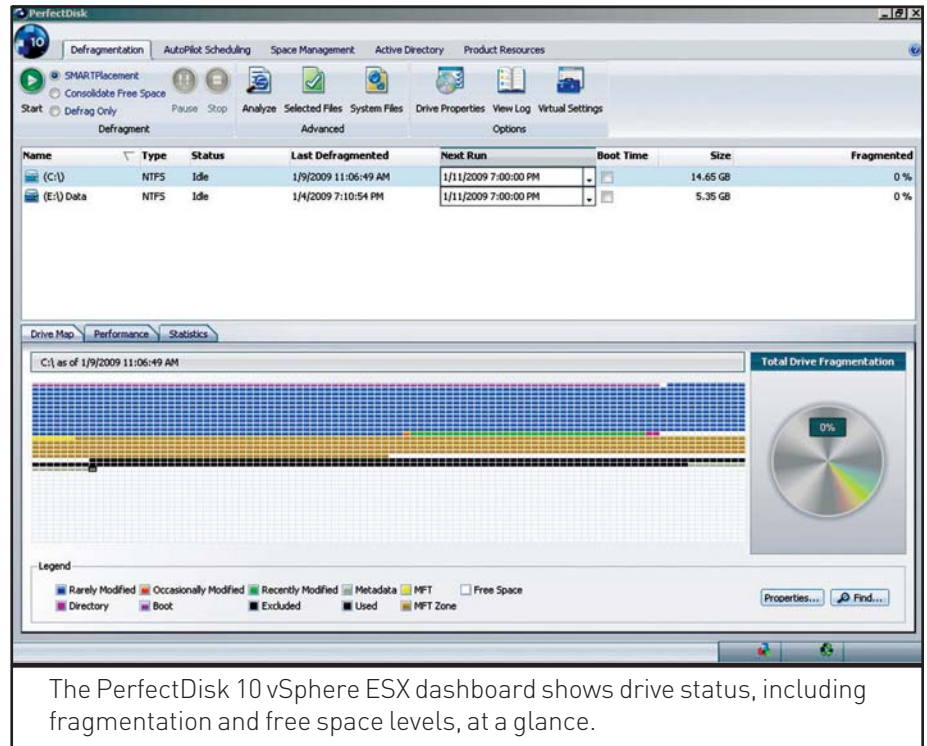
PerfectDisk 10 offers the most comprehensive solution for defragmentation by optimizing virtually every file on the system, including the Master File Table (MFT), all NTFS metadata files, paging files, directories, and data files, and completely consolidating free space. And it does it all in a single pass. There's also a File Defrag option that is useful for defragmenting very large files such as video files, rather than defragmenting the entire drive.

## Minimal Free Space Requirement

Typical disk defragmenters can recommend having as much as 20% free space to defragment. PerfectDisk 10 requires only minimal free space – as little as 1% – in order to completely defragment the drive. This results in more efficiency and reduced storage costs for the critical defragmentation and optimization process.

## CPU and I/O – Control over resource usage

PerfectDisk 10 provides resource throttling capabilities to manage resource usage as efficiently as possible. I/O throttling allows PerfectDisk 10 to run on very busy disks without imposing additional load on the disk. CPU throttling allows you to raise or lower the CPU priority at which it runs. PerfectDisk uses very minimal CPU resources in its standard processing.



## Master File Table Placement for better computer performance

Only PerfectDisk 10 optimally places the Master File Table (MFT) as recommended by Microsoft for improved performance. This can mean as much as a ten percent performance and productivity improvement.

## Additional Functionality for Power Users

PerfectDisk 10 Professional provides capabilities beyond defragmentation for your storage management needs. Users can easily detect and delete duplicate files as well as see a bird's eye view of their drives with the Space Management feature, including reports on disk space usage. PerfectDisk is also completely integrated with Active Directory®.

## PerfectDisk...A Proven Leader in System Resource Management Solutions

PerfectDisk empowers system managers, small business and home users by delivering flexibility, automation, and high-performance to help you thrive in constantly changing system network and home environments. PerfectDisk solutions extend the reach, power and versatility of your information systems for the most complex and demanding computer systems.

### Minimum System Requirements

**Host Platform** – ESX, ESXi, vSphere 4.0 **Guest Operating System** – Windows 7 (Professional/Ultimate), Vista (Home Premium/Business/Ultimate), XP/2000 Professional, Windows Server 2008, 2003, 2000

**Memory** – 64MB (128MB recommended) • **File System** – NTFS, FAT16, or FAT32